

OPNAVINST C5513.2B series (Air Warfare Programs):

(02) A-6, INTRUDER
(03) A-7, CORSAIR
(04) AV-8, HARRIER
(05) ACEVAL-AIMVAL
(06) A-4, SKYHAWK
(07) AGILE (AGM-95) Missile
(08) Anti-personnel, Anti-material (APAM) Cluster
Weapon, CBU-59/B
(09) Project BEARTRAP
(10) BULLDOG (AGM-83A) Missile
(11) BULLPUP (AGM-12) Missile
(12) CH-46 Helicopter
(13) CHAPARRAL Missile
(14) Project CHARGER BLUE
(15) CONDOR (AGM-53A) Missile
(16) CRYPTO Installations
(17) Detector, IRCCM, Single, Two Color
(18) E-2C, HAWKEYE
(19) EA-3, SKY WARRIOR
(20) EA-6B PROWLER
(21) EC-121, CONSTELLATION
(22) ERA-3B, SKY WARRIOR
(23) F-4, PHANTOM
(24) F-8, CRUSADER
(25) F-14, TOMCAT
(26) F/A-18, HORNET
(27) XFV-12A, VSTOL Technology Prototype
(28) AH1, Helicopter Series
(29) H-2, Helicopter
(30) HARM (AGM-88A) Missile
(31) HARPOON Weapon System (A/R/UGM-84)
(34) Airborne Sensor Imagery and Imaging Systems
(36) Aircraft Inventories and Logistics
(38) KA-6D Tanker
(39) Lamps, MK III, SH-60B
(40) OV-10A/D, BRONCO
(41) P-3B/C, (ORION) Maritime Patrol Aircraft
(42) PAVE KNIFE, AVQ-10 Laser Target Designator
System
(43) PHOENIX (AIM-54) Missile
(44) RA-5C, VIGILANTE
(47) Rockeye II, MK 20 MODs
(48) Rocket Motors
(49) S-2G, TRACKER
(50) S-3A and S-3B, VIKING Weapon System
Improvements

(51) SH-2G MK I Lamps
 (52) SEA KING SH-3, D/H
 (53) Seeker, Active Optical Terminal Homing
 (AOTH)
 (56) SHRIKE Missile AGM-45A-1/1A/2/3/3A/3B/4/6/7/
 9/10
 (57) SIDEWINDER 1C (AIM-9C, AIM-9D, AIM-9G and
 AIM-9H)

 (58) SIDEWINDER AIM-9L
 (59) SIDEWINDER AIM-9B/E/J/N/P
 (60) Solution Propellants Propulsion Analysis
 (61) SPARROW Missile, AIM-7F
 (62) Standard Arm Missile
 (63) Combat Survivability Program, NAVAIR
 Aircraft
 (65) Tactical Air Reconnaissance Pod (TARPS)
 (66) AN/ALQ-99, Tactical Jamming System (EA-6B
 Aircraft)
 (67) ASW Operations Center (ASWOC) Carrier and
 and Land Based (CV-TSC and VP-TSC)
 (68) Target Recognition, Non-Cooperative (NCTR)
 (69) Target Systems, Aerial
 (71) Tomahawk Cruise Missile
 (72) T-39
 (78)C WALLEYE Guided Weapon
 (79) Weapons Control Radar, Advanced Modular
 (80) ZUNI Rocket
 (81) Fuel Air Explosive (FAE), CBU-55/72 and
 CBU-72B
 (82) Reference File of Avionics
 (84) SPARROW, AIM-7E
 (85) Target, Firebrand Supersonic (XBQM-111A)
 (86) HARPOON Weapon System (Baseline)
 (87) PHOENIX Missile System, AIM-54C
 (88) Low Radar Cross Section (RCS) Materials
 (Project Newboy)
 (89)C EP-3 CILOP Program (Aries II)
 (90) A-6 All Weather Standoff Attack Control
 System (AWSACS)
 (91) USN Tactical Aircrew Combat Training System
 (TACTS) and USAF Air Combat Maneuvering

Instrumentation/Measurement Debriefing
System(ACMI/MDS) Project, AN/USQ-T2(V) and
AN/USQ-T4(V)

(92) Expendable EMR (Non-RF) Decoys and Devices
(93) Supersonic Air-to-Surface Missile
(94)C Pseudo Random Technology
(95) SPARROW Missile AIM/RIM-7M
(96) CH-53 Helicopter
(97) Fuel-Air Explosive (FAE) II Weapons
(98) Tactical Air Operations Module (TAOM),
AN/TYQ-23
(99) V-22 Osprey Aircraft (formerly JVX)
(100) Exploratory Development Air Weaponry Program
(101) BIGEYE Weapon
(102) Advanced Air-to-Air Missile (AAAM)

(104) SIDEWINDER Anti-Radiation Missile (SIDEARM)
(105) PLAT/ILARTS Tapes
(108) VMX
(110) Countermeasures Set, AN/ALQ-149
(111) Supersonic Low Altitude Target (SLAT), AQM-
127A
(112) Standoff Land Attack Missile (SLAM), AGM-84E
(113)C Control Monitor Set, Guided Weapon, AN/AWW-
13
(114) DEMON
(115) Advanced Interdiction Weapon System (AIWS)
(116) Unmanned Aerial Vehicle Short Range (UAV-SR)
(117) AN/APS-137(V) Inverse Synthetic Aperture
Radar (ISAR)
(118) Fuel-Air Explosive Technology
(119) Airborne Active Expendable Decoy (AAED)
(120) LIMIT LAKE
(121) LIMIT RANCH
(122) LIMIT PYTHON
(123)C SEA RAY
(124) AN/APG-65 Radar System
(125) HH-60H, Helicopter Combat Support and HH-
60J,
Helicopter Medium Range Recovery
(126) Activated Metal Decoy Flare
(127) SIDEWINDER AIM-9X

(128) OR-89AA Forward-looking Infrared Receiver
(FLIR)
 (129) P-7 Combat Survivability Program
 (130) OR-262/ALQ-99 Receiver Processor Group (RPG)
 (131) AN/USQ-113
 (132) UHF Data Link
 (133) Advanced Bomb Family (ABF)
 (134) AN/ARR-78(V)1/2 Radio Receiving Set and
AN/ALQ-158(V)1 Adaptive Controlled Phased
Array Antenna
 (135) AN/ALQ-167(V) Countermeasures Set
 (136) SPARROW Missile AIM/RIM-7 Missile Homing
Improvements Program (MHIP)
 (137) MK 2 MOD 7 Penguin Missile System
 (138) Acoustic Intercept System (AIS)
 (139) Electromagnetic Countermeasures Dispensers
and Expendables (Chaff and Flares)
 (140) AN/AWG-9, Weapon Control System
 (141) Tactical Surveillance Sonobuoy, AN/SSQ-102
 (142) AN/ALR-67 Advanced Special Receiver (ASR)
 (143) AN/AAR-47 Missile Warning Set
 (144) Infrared Search and Track System (IRSTS),
(AN/AAS-42(XN-2))
 (145) AN/ALR-67(V)2, Countermeasures Receiving Set

 (146) AN/ARR-84 and AN/ARN-146 Radio Receiver Set
 (147) CBU-78/B, CBU-78/A/B, CBU-78/B/B, Gator
Weapon System
 (148) Advanced Rocket System (ARS)
 (149) Long Range Conventional Standoff Weapon
(LRCSW)
 (150)C ES-3A Modification Program
 (151) Activated Metal Decoy (AMD)
 (152) P-7A Aircraft ASW Weapon System
 (153) Passive, Directional Sonobuoy, AN/SSQ-53E
 (154) A-12 Aircraft
 (155) AN/AYK-14(V) CP-2090
 (156) AN/AST-4; AN/AST-6, Radar Emission
Simulating Sets
 (157) Tactical EA-6B Mission Support (TEAMS),
AN/TSQ-142
 (158) Glint and Scintillation Program

- (159) Integrated Defensive Avionics Program (IDAP)
Missile Warning System
- (160) AN/ALQ-170(V)
- (161) VH-60 Executive Transport
- (162) Tactical Air-Launched Decoy (TALD)
- (163) Infrared Analysis, Measurements and Modeling
Program (IRAMMP)
- (164) AN/AAR-53 (CFF) and AN/AAQ-19 (NAVFLIR) A-12
Aircraft Electro-Optical Systems
- (165) Generic Expendable (GEN-X) Jammers
- (166) AN/AAR-50 Thermal Imaging Navigation Sensor
(TINS)
- (167) Improved Extended Echo Ranging (IEER)
System; Air Deployable Active Receiver
(ADAR), AN/SSQ-101 (XN-1) and Avionics
- (168) AN/AAS-33 (A), Detecting and Ranging
Set(DRS)
- (169) AN/ALQ-164 Defensive Electronic Counter-
measures Set
- (170) AN/ASB-19 (V), Angle Rate Bombing Set (ARBS)
- (171) AN/APG-71 Radar System
- (172) Passive, Directional Sonobuoy (AN/SSQ-77A)
- (173) Passive, Directional Sonobuoy (AN/SSQ-77B)
- (174) Air Anti-Submarine Warfare Counter-
Countermeasure
- (175) UHF/VHF Radio
- (176) Directional Command Active Sonobuoy System
(DICASS), AN/SSQ-62B
- (177) Advanced Airborne AAW Engagement System
(A³ES)

- (178) AN/USC-13 Airborne VLF Communications System
(TACAMO Strategic Communications System)
with Enhanced VERDIN System (EVS)
- (179) Tactical Electronic Reconnaissance
Processing and Evaluation System (TERPES)
Phase II Update
- (180) SIDEWINDER, AIM-9S
- (181) Skipper Air To Ground Missile System (AGM-
123)
- (182) Tactical Aircraft Mission Planning System

(TAMPS)

(184) Multiple Wavelength Aircrew Laser Eye Protection Spectacle

(185) F-14D Mission Computer, AN/AYK-14(V) (CP-1700)

(186) SH-60F CV/ASW Inner-Zone Helicopter

(187) UH-1N Helicopter Upgrade

(188) Control-Monitor Set, Guided Weapon, AN/AWW-14(V)

(189) Countermeasures Dispenser System (CMDS), AN/ALE-47

(190) Evolved Seasparrow Missile (ESSM) Program

(192) Passive, Directional Sonobuoy, AN/SSQ-57B

(193) Skyball Data Collection Program

(194) Shipboard Advanced Radar Target Identification System (SARTIS), Non-cooperative Target Recognition (NCTR)

(195) Mobile-Miniature Operations Control Center (MOCC), Miniature Anti-submarine Warfare Operations Center (ASWOC)

(196) FROG Remotely Targeted Weapons System

(198) Cooperative AV-8B Harrier II Plus

(199) MV-22 Osprey

(200) (Formerly LIMIT GHOST)

(201) MJU-27/B Decoy Device

(202) ML90 LAMPS Mine Detection System, Magic Lantern

(203) Generic Acoustic Stimulation System (GASS)

(204) P-3 Update IV Avionics System

(205) AN/ALR-66(V) 1, A(V)1, 2, 3, A(V)3, B(V)3, 4,5 and 6

(206) AN/APS-130 Radar System

(207) Project Ballerina

(208) AN/ALQ-144 Infrared Jammer

(209) AN/ALQ-157 Infrared Jammer

(210) AN/APQ-148/156 Multi-mode Radar System

(211) AN/APS-130 ADVCAP Radar System

(212) A-6E Upgrade V

(213) AN/APG-73 Radar System

(214) E-2C Hawkeye Update Development Program (UDP) (Mission Computer Upgrade (MCU))

(215) SIDEWINDER, AIM-9M
 (216) VH-3D, Executive Transport
 (217) Forward Looking Infrared (FLIR) Contingency Kit
 (218) Buoy, Satellite Transmitting, AN/WSQ-6
 (219) Egyptian E-2C, Hawkeye
 (220) Egyptian E-2C, Hawkeye, Tactics Trainer Device 15F8E
 (221) Joint Advanced Strike Technology (JAST) Program
 (222) CV-22
 (223) Precision Strike Navigator
 (224) F/A-18 New Technology
 (225) F-14D Tomcat
 (226) Harpoon Weapon System (A/R/UGM-84), Block II Upgrade, FMS Version
 (227) USN Tactical Combat Training System (TCTS)
 (228) Deceptive Electronic Countermeasures (AN/ALQ-126B)
 (229) Deceptive Electronic Countermeasures (AN/ALQ-162)
 (230) Target Sight System (TSS) for AH-1Z
 (231) Advanced Extended Echo Ranging (AEER) System - Air Deployable Low Frequency Projector and Avionics
 (232) ASX-4 Advanced Imaging Multi-Spectral Sensor (AIMS)
 (233) AN/ALR-67(V)3 Countermeasures Receiving Set
 (234) Advanced Anti-Radiation Guided Missile
 (235) Lamps MK III SH-60R
 (236) Signature Managed Air Traffic Control, Approach and Landing Systems (SMATCALS)
 (237) Joint Standoff Weapon System (JSOW), AGM-154
 (238) F/A-18 Active Electronically Scanned Array (AESA) Radar
 (239) CV-22 OSPREY
 (240) T700-GE-401 and T700-GE-401C Turboshift Engines
 (241) Vertical Takeoff and Landing Tactical Unmanned Aerial Vehicle (VTUAV)
 (242) Unmanned Aerial Vehicle (UAV) Broad Area Maritime Surveillance (BAMS)

- (243) High Speed Anti-Radiation Demonstration (HSAD)
- (244) Special Projects Aircraft (Draft)
- (245) AN/ULQ-21,AN/DLQ-3,counter measure sets

OPNAVINST S5513.3B series (Surface Warfare Programs):

- (02)S Channel Finder; AN/WQN-1(V)
- (03) Developmental Guided Missiles
- (04) Ammunition, Long Range Bombardment
- (05) Rolling Airframe Missile (RAM)
- (06) ASROC Missile
- (07) ASW Standoff Weapon (ASWSOW)
- (08) Auxiliary Ships
- (09) Cable Repair Ship
- (10) Chair Heritage
- (11) Aegis, MK-7
- (12) Close in Weapon System (CIWS)
- (13) Combat Direction System (CDS)
- (14) Combat System, ASW, Surface Combatant
- (15) Combat Weapon System, Surface-to-Surface Missile
- (16) Combat System, Shipboard Intermediate Range (SIRCS)
- (17) Combatant Ships (less Submarines)
- (18) Control of Shipping, Naval
- (19) Craft, Combatant
- (20) Decoy, Offboard Ordnance Infrared
- (21) Decoy, Offboard Electro-magnetic
- (22)C Drag and Noise Reduction Shipboard and/or Torpedo
- (23) Emission, Shipboard Monitor and Control
- (24) Explosive Ordnance Disposal (Non-Nuclear), including Project ORACLE
- (25) Explosives
- (26) Fire Control System, MK-92
- (27) Frigate, Fleet (FFSG)
- (28) Fuzes
- (29) Gun, 8"/55, Major Caliber Lightweight, MK-71 MOD 0
- (30) Guided Missile Destroyer (DDG-47)

- (31) PENGUIN Missile, Norwegian
- (32) Patrol Combatant Missile Hydrofoil (PHM)
- (33) Hydrofoils, R&D
- (34) Infrared Search and Track (IRST)
- (35) Inventory Management Data Non-Nuclear
Ordnance (except Chemical/Biological and
RDT&E Dollar Amounts)
- (36) Launching, Shipboard Chaff Decoy System/
Programs (CHAFFROC)
- (37) Vertical Launch System (VLS)
- (38) Landing Craft, Air Cushion (LCAC)
- (39) Landing Craft, Amphibious Assault (AALC)
JEFF
- (40) Landing Craft, Medium (LCM-9)
- (41) Amphibious Assault Ship (LSD-9)
- (42) Mine Countermeasures Ship

- (43) Navigation, Ship Passive Integrated System
(SPINS) and Doppler Sonar Velocity Log
(DSVL)
- (44) Navigation System, Shipboard Inertial
- (45) Non-Nuclear Warhead Development, Advanced
- (46) Basic Point Defense Surface Missile System,
(BPDSMS)
- (47) Improved Point Defense, Surface Missile
System (IPDSMS)
- (48) Projectile, External Burning Assisted (EBAP)
- (49) Projectile, Hi-fragmentation
- (50) Projectile, Guided 8 inch and 5 inch
- (51) Projectile, Rocket Assisted (RAP) 5"/38 and
5"/54
- (52)C Propulsors
- (53) Protection Technology, Ship Passive
- (54) Radar, Shipboard Surveillance (SSURADS)
- (55) Rocket Propulsion Technology
- (56) Surface Effect Ship (SES)
- (57)C Silencing Data, Ship
- (58) Silencing, Surface Ship
- (59) (NATO SEA) SPARROW, Missile
- (60) Standard Active Missile
- (61) Standard Surface-to-Surface Anti-Radiation

Missile (ARM)
 (62) Standard Missile I (SM-1)
 (63) Standard Missile II (SM-2)
 (64) Small Waterplane Area Twin Hull/Auxiliary
 Ocean Surveillance (SWATH/AGOS)
 (65) Swimmer Weapon System
 (66) Swimmer Delivery Vehicles (SDVS) Related
 Equipment and Transport Systems
 (67) TALOS Missile
 (68) Security Alarm System, Circuit FZ and 4FZ
 (69) Targets, Air and Ship Vulnerability and
 Ordnance Systems Analysis
 (70) TARTAR missile
 (71) TERRIER Missile
 (72)C Torpedo Defense, Surface Ship
 (73) SEA SPARROW (RIM-7F) Missile
 (74) Vibration Data, Ship
 (75) Standoff Jammer Suppression
 (76) TYPHON Long Range (LR) Missile
 (77) Maritime Prepositioning Ship (T-AK)
 (78) Bomb, Surface Launched Modular Guidance
 Glide
 (79) Missile Destroyer (DDM)
 (80) Smoke Obscurants
 (82) AN/SQS-26, AN/SQS-53 and AN/SQS-53() Sonars
 (83) MK 86 Gun Fire Control System

 (84) AN/SLQ-25 and AN/SLQ-25A Torpedo
 Countermeasures (NIXIE)
 (85) AN/SLQ-24, EC-15 Ship Towed Acoustic
 Projector
 (86) Vertical Launch ASROC (VLA)
 (87) Coastal Patrol Boat (PBC)
 (88) AN/SQQ-89
 (89) Limit BANDIT
 (90) Camouflage
 (91) Surface Ship Low Observables
 (92) MK 34 MOD 0 Gun Weapon System
 (93) 16" Projectile, EX 148 with Submunition
 Payload
 (94) Limit KNAVE
 (95) Limit PLAY

(96) Limit DRAGON
 (97)C Dynamic Armor
 (98) Limit CHOW
 (99) Limit RAIDER
 (100) Radar AN/SPS-48C, D or E
 (101) LHD-1 Class Amphibious Assault Ship (Multi-Purpose)
 (102) Gunfire Control System MK 3 MOD 8
 (103) Remote Sensing of Surface Ship Wakes
 (104) NATO AAW
 (105) Standard Missile III (SM-3)
 (106)C AN/SQY-1
 (107) LX Class Amphibious Ship
 (108) US/UK Surface Ship Torpedo Defense Joint Project (5513.3C: DD 21 Ship System)
 (109) AN/SQQ-89(V), AN/UYQ-25(V), AN/SQQ-28(V), AN/SQS-53B(V), AN/SQS-53C(V), AN/SQS-89(V)-T(V), MK 116 MOD 5 through XX
 (110) Strategic Sealift Ship Program
 (111) Amphibious Assault Direction System (AN/KSQ-1)
 (112) Infrared Search and Track (IRST)
 (113) Quick Reaction Combat Capability (QRCC)/Ship Self Defense System (SSDS) MK 1
 (114) Radar AN/SPS-52C
 (115) Gunfire Control System MK 68
 (116) Fuel-Air Explosive Technology
 (117) Shipboard Advanced Radar Target Identification System (SARTIS), AN/UPX-34(V) Radar Track Discriminator for AEGIS Ships (RTDS)
 (118) Evolved Seasparrow Missile (ESSM) Program
 (119) Cooperative Engagement Capability (CEC)
 (120) AN/SPS-49 Series Radar

 (121) Thermal Imaging Sensor System (TISS)
 (122) AN/SPG-55 Series Radars & MK 76 Fire Control System
 (123) Extended Range Guided Munition (ERGM)
 (124)C CVN-71 Passive Protection System
 (125) Navy Mast Mounted Sight (NMMS) System
 (126) AN/SPG-51 Series Radar & Missile Fire

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| | | Control System MK 74 (All MODs) |
| | (127) | Stabilized Weapons Platform System (SWPS) |
| | (128) | Navigation System, Common Ring Laser Gyro Navigator (RLGN) |
| | (129) | Advanced Enclosed Mast/Sensor (AEM/S) System, Low Observable |
| | (130) | Lightweight Broadband Variable Depth Sonar (LBVDS) Advanced Development Program |
| | (131) | Launched Expendable Acoustic Device (LEAD) |
| | (132) | Tactical Acoustic Communication |
| | (133) | Area Air Defense Commander (AADC) Capability |
| | (134) | Ship Self Defense System (SSDS) MK 2 for (LPD-17), LHD-1 and CVN Class Ships |
| | (135) | Joint Maritime Command and Control Capability Ships (JCC(X)) |
| <i>Not On Hand</i> | (136) | Signatures of Wakes of Surface Vessels by Remote Sensing |
| | (137)S/NF | Signatures of Surface Ship Wakes |
| | (138) | Land Attack Missile Fire Control System (LAMFCS) |
| | (139)C | Carrier Protection Program |
| | (140) | NATO SEASPARROW Surface Missile System (MK 57 MOD 4 through 9) |
| | (141) | AN/WSQ-11 Torpedo Defense System (TDS) |
| | (142)S | AN/SLQ-25 and AN/SLQ-25A Torpedo Countermeasures (Supplement) |
| | (143) | Countermeasures Anti-Torpedo (CAT) |
| | (144) | AN/SYQ-27, Mission Planning System, Fires Control |
| | (145) | Amphibious Assault Ship (Replacement) (LHA(R)) |
| | (146) | Dual Band Radar (DBR) |
| | (147) | Naval Integrated Fire Control - Counter Air |
| | (148) | Naval Electromagnetic Launch (EML) Weapon System |
| | (149) | MK 48 ADCAP (MOD 5 AND BEYOND), MK 50, AND OR MK 54 TORPEDOES |

OPNAVINST S5513.4D series (General Intelligence, Cover and Deception, Security and Investigative Programs):

- (02) Exercises Involving Penetration Deception

(03)S Integrated Cover and Deception System
 (ICADS)
 (04) Intelligence, General Naval
 (05) DON Security and Investigative Matters
 (07) Operational Information Collection System
 (OICS)
 (08)S Offboard Deception Devices (ODDs)
 (10)S Deception, Military General
 (12)S Operations Security (OPSEC)
 (13) Classic Wizard
 (14) Bullseye/Centerboard/Flaghoist System
 (15) Project Saucepan
 (17) C DOD Counterintelligence (CI) Program
 (18) DOD Locks, Safes, Vaults, Containers and
 Seals Program
 (18) USMC Counterintelligence Communication
 System(CCS)
 (20) Waterside Security System (WSS)
 (21) Shipboard Physical Security (SPS) System
 (22) National Systems Support for Over-the-
 Horizon Targeting (LIMIT CENTURY)
 (23) USMC Tactical Remote Sensor System (TRSS)
 (24) Shipboard Nuclear Weapon Security (SNWS)
 System
 (25)S Trading Paint/Sentinel System
 (26)S Insider Threat Countermeasures Toolkit

OPNAVINST S5513.5B series (Undersea Warfare Programs):

(02) Active/Passive/Special Purpose Submarine
 Sonars AN/BQA-8; AN/BQH-8; AN/BQQ-3, -5B/C,
 -6, -9; AN/BQR-7, -15, -19, -20, -21, -T4;
 AN/BQR-22 Series (less AN/BQR-22A (EC-15));
 AN/BQR-23; AN/BQS-4, -14, -15, -24, and OL-
 218/BQ
 (03)C Acoustic Warfare, Submarine
 (05) Gas Management System
 (08) Charts, ASW Prediction Area
 (09)C Charts, Arctic
 (10)C Deep Submergence Systems Program
 (11)C Detectability Reduction Project, SSN
 (15) Environmental Support Product, ASW
 (18) Intrepid, AN/BSQ-3A

(19)C LAMBDA
 (20)C Magnetic Anomaly Detection (MAD) Operational Effectiveness (MOE) Charts
 (22)C Rapidly Deployable Surveillance System (RDSS)
 (23) Oceanographic Information
 (24) Oceanic Sounding
 (26) Periscope/Electro-optic Sensor Simulator, Advanced Visual/Near Visual Submarine
 (27)C/FRD POLARIS/POSEIDON/TRIDENT Weapon System
 (30) SSBN Security Program
 (31) Security Alarm System, Circuit FZ, 4FZ and 5FZ
 (32) Sensor for Attack Submarines and Surface Combatants, High Accuracy Velocity
 (33)C Sonar Technical Information, Bionic
 (34) Sonar and Acoustic Warfare Exploratory Development (formerly Sonar and Acoustic Warfare Technical Information)
 (35) Sonar Processing Equipment, SSBN Improved
 (37) (C)Submarine Warfare Matters
 (38) Submarine Technology, Nuclear and Conventional
 (39) SUBROC
 (40)S Undersea Surveillance (Mobile Systems) (formerly Surveillance Towed Array Sensor System (SURTASS))
 (41)S Submarine Support Equipment Program (SSEP)
 (42)S Sound Surveillance System (SOSUS)
 (44) Torpedoes (MKs 37, 44, 45, and Freedom)
 (45) Underwater Targets
 (46)C Ocean Environment Data and Products
 (48) Towing, High Speed Feasibility
 (49)C Underkeel Missile Technology (UMT)
 (50) Unmanned Free Swimming Submersible (UFSS)
 (52) Navy Command and Control System (NCCS) Ashore (formerly ASW Centers Command and Control System (ASWCCCS))
 (53) Submarine Special Operations
 (55)C Silencing Data, Ship
 (56)C Propulsors, Submarine (formerly Propulsors)

(57) Vibration Data, Ship
 (58) Hull Integrity Test Dive Site (HITS) Charts
 (63)C Submarine Towed Array Improvement Program
 (TAIP)
 (64) Mobile Submarine Simulator System (MOSS)
 (65) Advanced Submarine Control Program (ASCOP)
 and Control System Test Vehicle (CSTV)
 (66)C Magnetic Anomaly Detection and
 Identification
 Ranging (MADIAR)
 (67)C Submarine Advanced Combat System (SUBACS)
 (68) AN/BLD-1
 (69) Periscopes
 (70) AN/BRD-7
 (71)C MK 50 Torpedo (formerly Advanced Lightweight
 Torpedo (ALWT))
 (72) Arctic Operations
 (73)S Arctic Warfare Programs
 (76) Project Ariadne
 (77)C MK 48 Advanced Capability Torpedo (ADCAP)
 (78)C MK 46 Torpedo
 (79)C/FRD Sea Lance (formerly ASWSOW)
 (80)C Geophysical Navigation (Geomagnetic
 Navigation and/or Gravimetric Navigation)
 (81)S Quick Reaction Surveillance System (QRSS)
 (82)C Ti-100 Titanium Development Program
 (83)C Submarine Torpedo Defense (SMTD)
 (84) (C)Special Hull Treatment (SHT) System
 (85) Turbine Pump Ejection System (TPES); Air
 Turbine Pump (ATP)
 (86)S MK 6 Marine Mammal System (MMS) (formerly
 Marine Mammal Systems)
 (87) Submarine Offboard Mine Search System SOMSS)
 (formerly Unmanned Undersea Vehicle (UUV))
 (88) AN/BSY-2, Submarine Combat System
 (89) CLAYMORE SNAPPER, Project
 (90) Submarine Technology for New Design Nuclear
 Powered Attack Submarines Commencing with
 SEAWOLF Class (SSN-21)
 (91) Unintentional Transient Exploitation (UTE)
 (92) MK 48 Torpedo
 (93) USS Dolphin, DSV and DSRV

| | |
|---------------|---|
| (95)C | NLQ-1, Countermeasure |
| (96) | AN/BQN-17, Depth Sounder |
| (97)S | T-AGS 45 |
| (98) | Torpedo Exploratory and Advanced Development Programs |
| (99)C | Follow-Through Torpedo Warhead (FTW) |
| (100)S | Port Area Surveillance System (PASS) |
| | Technology Evaluation Testbed (TET) |
| (101) | Acoustic Device, Countermeasure (ADC) MK 4 |
| (102) | Countermeasure Command and Control Unit (CMC ²) |
| (103) | Mobile Multifunction Device (MMD) (ADC-EX-11) |
| (104) | AN/BSY-1(V) Submarine Combat |
| (105) | Control/Acoustic Set |
| (105) | New Sonar Intercept System (NSIS) |
| (106)S | Acoustic Model Applications Project (AMAP) |
| (107) | Active Acoustic Countermeasures |
| (108) | Acoustic Device, Countermeasure (ADC) MK 3 |
| (109) | Active Optics Countermeasures |
| (110) | Acoustic Device, Countermeasure (ADC) MK 1 MOD 0/1 |
| (111) | Acoustic Device, Countermeasure (ADC) MK 2 MOD 0/1 |
| (112) | Countermeasure Set, Acoustic (CSA) MK 2 |
| (113) | Naval Acoustic Electro-Mechanical (NAE) Beacon MK 2/3 |
| (114) | AN/BQR-22A (EC-15), Sonar Receiving Set |
| (115) | Advanced Deployable System (ADS) |
| (116) | Countermeasure Detection and Control Set, AN/WLY-1 |
| (117) | Gas Generator (GG), MK 77 |
| (118) | Sonar Receiving Set, AN/WLR-9/12/17 |
| (119) | Anti-submarine Warfare Training Target System MK 30 MOD 2 |
| (120) | AN/BQH-5(V) |
| (121) | AN/BQH-9(V) |
| (122) | AN/BQH-10(V) |
| (123) | ERDS |
| (124)C | New Attack Submarine Non-Acoustic Signature |

(125) Integrated Electronic Support Measures Mast (IEM)
 (126) High Gain Initiative
 (127) Long-Term Mine Reconnaissance System (LMRS)
 (128) AN/BQS-15 Detecting Ranging Set Forward Look Equipments Engineering Change (EC-17) and Later) and Deep Submergence Obstacle Avoidance Sonar (DS/OAS) Family
 (129) Submarine Vertical Launch System
 (130) Mini-Element Recording System (MERS)
 (131)S Fixed Distribution Systems (FDS)
 (132) AN/BQH-10 Mini-Acoustic Recording System (MARS)
 (133) AN/BQH-5 Data Gathering Set (DGS)
 (134) Lidar Warning Receiver (LWR), AN/BER-1
 (135) Near Term Mine Reconnaissance System (NMRS)
 (136)C Lightweight Hybrid Torpedo
 (137)C Project M
 (138) Topgate
 (139) MK 48 ADCAP (MOD 5 and Beyond), MK 50 and/or MK 54 Torpedoes
 (140)C Super Cavitating High Speed Bodies Technology
 (141) RIGEL
 (142) Submarine Technology for Ohio Class Submarines Converted for Strike and Special Operations (SSGNs)
 (143) Large Scale Vehicles
 (144) Submarine Technology for Jimmy Carter (SSN-23) Multi-Mission Project (MMP)
 (145) AN/BQH-11(V)
 (146) Countermeasure Anti-Torpedo (CAT)
 (147) Acoustic Device, Countermeasures (ADC) MK 1 MOD 1
 (148) Acoustic Device, Countermeasure (ADC) MK 2 MOD 1
 (149) Acoustic Device, Countermeasures (ADC) MK 3 MOD 1
 (150) Acoustic Device, Countermeasures (ADC) MK 4 MOD 1
 (151) Gas Generator (GG) MK 77 MOD 0

- (152) **Mission Reconfigurable Unmanned Undersea Vehicle (MRUUV)**
- (153) **Special Towed Array**

OPNAVINST S5513.6C series (Communications and Satellite Programs):

- (02) Integrated Antenna System, Submarine (SIAS)
- (03)C Acoustic Communications System, Integrated (IACS)
- (04) Secure Voice Interoperability System (SVIS)
- (05)C Multi-User Special Intelligence Communication
Tactical Intelligence Communication Center (MUSIC-TICC)
- (06)C Circuit Mayflower
- (07)C Clarinet Merlin
- (08) Terminal, Compact Very Low Frequency (CVLF)
- (09)S Cluster Snuff
- (10) Directed Energy or Particle Beam Communication Systems, Exploratory Development
- (11)S Strategic Command and Control Communications System
- (12) High Frequency Anti-Jam (HFAJ)
- (17) TACINTEL/RNINTEL
- (19) SHF Satellite Communications Terminals (Shipboard)
- (21) Satellite Communications, Fleet (FLTSATCOM)
- (22)C SSN Integrated Communications System (formerly SSN Integrated Communications Center)
- (25) Terminal, Advanced Narrowband Digital Voice (ANDVT)
- (27) Tactical Telemetry Low Frequency Data Package
- (29)S Direction Finding Switching Unit
- (32) Geodetic Satellite (GEOSAT-A)
- (33) Flag Data Display System (FDDS) (Subsystem Of Tactical Flag Command Center (TFCC))
- (34)S TSEC/KG-40 Modification Program
- (35) Ultra-Low Loss Fiber Optics Program
- (36) ASW Support Group (ASG) Automated Command

and Control Computer System

(37) Submarine Support Group (SSG) Automated Command and Control Computer System

(38) Operations Support Group Prototype (OSGP) Automated Command and Control Computer System

(39) TSEC/KG-84C

(40) Satellite Laser Communications (SLC)

(41) TACINTEL II

(42)S Tactical Data Information Exchange System (TADIIXS)-B Tactical Receive Equipment (TRE)

(43) S ENCAP-C

(44) Digital Wideband Transmission System (DWTS), Line-of-sight Radio Subsystem (LRS)

(45) **Link 11 Improvement System (LEIS)**

(46) **Classic Cobweb**

(47) **Classic Aerie**

(48)S **Classic Raptor**

(49)S **Classic Argon**

(50) **Satellite Communications Geolocation of Radio Frequency Interference (GOFR)**

(51) **Reserved for future use (formerly Space-Based Radar (SBR))**

(52) **Navy Remote Ocean Sensing System (NROSS)**

(53) **E-6B Weapons System Security Classification Guide**

(54)S **Classic Trump**

(55) **Integrated Broadcast Service (IBS)**

(56) **Mobile User Objective System (MUOS)**

(57) **Common Submarine Radio Room (CSSR)**

(58) **COMMAND AND CONTROL ON-THE-MOVE NETWORK, DIGITAL OVER-THE-HORIZON RELAY (CONDOR) GATEWAY**

OPNAVINST S5513.7C series (Mine Warfare Programs):

(03) Airborne Mine Countermeasures (AMCM)

(04) CAPTOR, MK 60 All MODS

(06) Countermeasures, Mine

(07) Degaussing and Deperming

(08) Destructors, Mks 36 and 40 and Mod Kit MK 75

- (11) Magnetic Silencing Project, Surface Ship (SSMSP)
- (12) Marine Biological Systems, Advanced (AMBS)
- (13) Mines, Destructors, Depth Charges and Ancillary Equipment
- (14) Mine Warfare Pilot
- (15) Mobile Mine, MK 67 All MODS, Submarine Launched (SLMM)
- (16) Precise Integrated Navigation System for Surface MCM
- (17) Mine Neutralization Systems (MNS EX 1 MOD 01 and AN/SLQ-48)
- (18) Quickstrike Mines, MK 62-65, All MODS
- (20)C Remote Control of Mines (RECO)
- (23) Tactics and Doctrine, Mine Warfare
- (26)C MCM Pressure Acoustic Monitoring System
- (28)C AN/ALQ-141, Countermeasures Set
- (29) Energetic FAE Fuels
- (30) Airborne Mine Neutralization Equipment
- (31)C Magnetic/Acoustic Detection of Mines (MADOM)
- (32) Plessey Mirror Sonar System (MSS) MK1 and MODs
- (33) Versatile Exercise Mine System (VEMS)
- (34) Modular Influence Minesweeping System (MIMS)
- (35) Single Ship Deep Sweep (SSDS)
- (36) AN/AQS-20(XN-1) Sonar, Mine Detecting Set
- (37) Acoustic Tracking Device
- (38) Airborne Mine Detection and Surveillance (AMDAS) System
- (39) Minehunting Sonar Set, AN/SQQ-32
- (40) **Non-Acoustic Mine Detection**
- (41) **Remote Minehunting System**
- (42) **Shallow Water Mine Countermeasures**
- (43) **Buried Mine Detector System**
- (44) **ML90 Lamps Mine Detection System, Magic Lantern**
- (45) **MK 4**
- (46) **MK 7**
- (47) **Research into Factors Causing Mines to Bury**
- (48) **Near-Term Mine Reconnaissance System (NMRS)**
- (49) **Very Shallow Water Mine Countermeasures Unit (VSW MCM)**

- (50) Advanced Sensors ACTD Technology
- (51) AN/AQS-14, AN/AQS-14A Sonar Detecting Set
- (52) Rapid Airborne Mine Clearance System (RAMICS)
- (53) Organic Mine Countermeasures (OMCM) Technology, Future Naval Capabilities (FNC)
- (54) AN/AQS-20A Sonar, Mine Detecting Set
- (55) Coastal Battlefield Reconnaissance and Analysis System (COBRA)
- (56) Battlespace Preparation Autonomous Undersea Vehicle (BPAUV)

OPNAVINST S5513.8B series (Electronic Warfare Programs):

- (02) Countermeasures Receiving Set, AN/WLR-6(V)
- (03) CM/ECCM, General
- (04) Electro-Optics Sensor
- (05) ELINT, General
- (06) Electromagnetic Environmental Synthesizer (ENSYN)
- (07) High Energy Lasers (HEL)
- (09)C Hull-to-Emitter Correlation (HULTEC)
- (10)S Countermeasures Assessment Simulator (formerly Counter-Surveillance Assessment)
- (11) Laser Guidance Systems
- (13) Miniature Expendable Jammers
- (14) Operational Electronic Warfare and Fleet Electronic Warfare Support Group (FEWSG) Operations
- (15)S Optical Augmentation
- (16)C Outboard/Outboard II (formerly Classic Outboard)
- (17) Over-the-Horizon Targeting (formerly Outlaw Shark)
- (18) Radar, General
- (19) Radar Peculiar to USMC Aviation
- (20) Receiver System, AN/WLR-8(V)
- (21) AN/WLQ-4(V), Sea Nymph
- (24)C High Energy Laser Systems (HELS)
- (26) Seafire
- (27) Fiber Optic Sensor System (FOSS) Program
- (28) Submarine Advanced Signal Training System (SASITS)

(29) Acousto-Optic (A-O) Technology in ESM
 (30)S AN/SLQ-34 Electronic Countermeasures Set;
 AN/SLR-22 Countermeasures Receiving Set
 (31) Countermeasures Set, AN/ALQ-165, Airborne
 Self-Protection Jammer (ASPJ)
 (32)S Have Name, Project
 (33)S Signal Detection and Direction Finding SRS-1
 (XN-1) System
 (34)S SIGSEC (Signals Security Surveillance and
 Assessment Programs and Systems
 (35) Radar (SAR), Synthetic Aperture
 (36) Electronic Protection (EP) Radio, AN/ARC-
 210(V) (formerly ECCM)
 Applique, AN/ARC-182(V))
 (37)S Radar Emitter Classification and
 Identification (RECI)
 (38) AN/SLQ-32(V)1, (V)2, (V)3
 (40) OSIS Baseline Upgrade (OBU) (formerly OSIS
 Baseline Subsystem (OBS))
 (41)C High Power Microwave (HPM) General
 Applications
 (42)C High Power Microwave (HPM) Generator
 Research
 (43) Targeting Avionics Technology
 (44)S Battle Group Passive Horizon Extension
 System(BGPHEs)
 (45) Relocatable Over-the-Horizon Radar (ROTH-R)
 (46) Mobile Electronic Warfare Support System
 (MEWSS)
 (47) Marine Corps Electronic Warfare Simulator
 Suite (MCEWSS)
 (48) Afloat Correlation System (ACS)
 (49)S Advanced Marine Airborne Signals
 Intelligence System (AMASS)
 (50) Integrated Signals Intelligence System (ISIS)
 (51) AN/SLQ-17A(V)2
 (52)S AN/SKR-7, Telemetry Data System
 (53) AN/WLR-1H
 (54) Electromagnetic Environmental Effects (E3)
 Program
 (55) Electronic Intelligence Support System (ESS)
 (56)C Wideband System (WBS) (AN/FSQ-/117A(V))

(57)C Counter-ARM Decoy (CAD)
 (58) NULKA (formerly Ship-launched Electronic Decoy (SLED))
 (59) AN/WLQ-4(V)1, Silent Knight
 (60) (S)Wartime Reserve Modes (WARM)

 (61) AN/WSQ-5(V), Countermeasures Receiving Set (Cluster Spectator)
 (62) High Power Microwave Technology and Related Military Systems
 (63) AN/SLQ-49, Inflatable Decoy
 (64) AN/SLQ-39, Chaff Buoy
 (65) AN/SSQ-95, Active Electronic Buoy (AEB)
 (66) Combat Optical Countermeasure Systems (COCMS)
 (67) **Tactical Electronic Reconnaissance Processing and Evaluation System (TERPES), AN/TSQ-90D**
 (68) (S)LIMIT CENTURY
 (69) **Advanced Submarine Tactical Electronic Warfare Support Measures (ESM) Combat System (ASTECS)**
 (70) AN/BRQ-2 Classic Erne
 (71) AN/WLR-18(V) Classic Salmon
 (72) **AN/MLQ-36 Mobile Electronic Warfare Support System (MEWSS) Product Improvement Program (PIP)**
 (73) Ships Signal Exploitation Equipment (SSEE)
 (74) Cryptologic Carry-on Program (CCOP)
 (75) AN/SLY-2(V) Advanced Integrated Electronic Warfare System (AIEWS)
 (76) AN/SLQ-54XN1, AN/SLQ-32B(V) (APB Guide)
 (77) Cluster SNOOP
 (78) CNO-ADF
 (79) AN/SPQ-9B Anti-Ship Missile Defense (ASMD) Radar Set
 (80) Integrated Defensive Electronic Counter-measures (IDECM) Radio Frequency Counter-measures (RFCM) Subsystem
 (81) Tactical Dissemination Module (TDM)
 (82) Cobra Judy Replacement
 (83) "Channel" Hardware Systems
 (84) (S) SIGINT UAV Guide (in draft)

- (85) **Communications Emitter Sensing and Attacking System (CESAS)**
- (86) **Aircraft Infrared Measurements**

OPNAVINST S5513.9B series (Nuclear Warfare Programs): S/C/RF/FRD

- (02)U Special Nuclear Material
- (03) ASROC, Nuclear
- (04) B43 Bomb
- (05) B57 Bomb
- (06) B54 SADM
- (07) B61 Bomb
- (08)U Hazards of Electromagnetic Radiation to Ordnance (HERO)
- (09) M422 Projectile
- (10) M454 Projectile
- (11) Nuclear Weapons, General
- (12) Nuclear Electromagnetic Pulse (NEMP)
- (13)U PAL (Permissive Action Link)
- (14) POSEIDON/TRIDENT Missile
- (15)U Shipboard Nuclear Weapon Security System (SNWSS)
- (16)U Remote Sensor Systems (RSSPS) for Physical Security Programs
- (17) SUBROC, Nuclear
- (18) TALOS, Nuclear
- (19) TERRIER, Nuclear
- (20)U W45 MADM

OPNAVINST 5513.10B series (Advanced Technology and Miscellaneous Programs):

- (03) Continuity of Operations (COOP)
 - (04) Construction Projects
 - (06) Status of Resources and Training System (SORTS) (formerly unit Status and Identity Report, Navy (UNITREP))
 - (07) Manpower
 - (08) POW/MIA Records
 - (10) Test Ranges
 - (11) Uniform System of Alert Conditions
- (LERTCONS)

- (12) Naval Computer Security (formerly Security, ADP)
- (15) Anticompromise Emergency Destruct (ACED)
- (17) Particle Beam Technology and Weapon Systems
- (20) U.S.-U.S.S.R. Incidents at Sea (INCSEA) Agreement and Associated Matters
- (21) Very High Speed Integrated Circuits (VHSIC) Program
- (22) Wartime Manpower Planning System (WARMAPS)
- (23) Microwave and Millimeter Wave Monolithic Integrated Circuits (MIMIC)
- (24) Wargaming, Naval
- (25) Port Visit Program
- (26) Navy Marine Corps Intranet (NMCI) - Draft
- (27) Multifunction RF (MRF) Systems and AMRFC TEST BED
- (28) **LIMIT MUSTANG (Concept of Operations for OPLAN 5077 Weapons System)**

OPNAVINST 5513.11B series (Ground Combat Systems):

- (67) Shoulder-Launched Multi-Purpose Assault Weapon (SMAW)
- (68) Marine Integrated Fire and Air Support System (MIFASS)
- (69) Catapult Launched Fuel-Air-Explosive, (CATFAE) Land Mine Countermeasures Systems
- (70) Ground-Air Telerobotic Systems (GATERS)
- (71) Expeditionary Fighting Vehicle
- (72) Joint Service Lightweight Integrated Suit Technology (JSLIST)
- (73) Tactical Ballistic Missile Defense (TBMD)
- (74) Marine Corps Combat Operations
- (75) **Short Range Anti-Tank Weapon (SRAW)**
- (76) **Marine Expeditionary Force (MEF) Intelligence Analysis System (IAS)**
- (77) **M1A1 Firepower Enhancement**
- (78) **Complementary Low Altitude Weapon System (CLAWS)**
- (79) **Ground/Air Task Oriented Radar (G/ATOR)**
- (80) **Joint Engineer Rapid Response Vehicle (JERRV)**

- (81) **Joint Service Light Nuclear, Biological, and Chemical (NBC) Reconnaissance System (JSLNBCRS)**
- (82) Neutralizing Improvised Explosive Devices with RF (Project 923:NIRF)

OPNAVINST 5513.12C series (Intelligence Research Projects):
(Contact NO9N2 RANKIN Program Manager (433-8861/DSN 288-8861) to obtain copy of this instruction)

OPNAVINST 5513.13C series (Non-Acoustic Anti-Submarine Warfare (NAASW)):

- (02) Non-Acoustic Anti-Submarine Warfare (NAASW)
- (13) Project Claymore Marine

OPNAVINST 5513.15D series (Naval Special Warfare (NSW)):

- (02) NSW Operations and Tactics
- (03) SEAL Weapon Systems
- (04) SEAL Support Systems
- (05) SEAL Delivery Vehicle (SDV) Systems
- (06) Dry Deck Shelter (DDS) System
- (07) NSW Combatant Craft (Including Patrol Coastal (PC) Ships)
- (08) NSW Communications Systems
- (09) NSW Exploratory and Advanced Development
- (10) Advanced Seal Delivery System (ASDS) Systems
- (11) Semi-Autonomous Hydrographic Reconnaissance Vehicle (SAHRV)
- (12) Hydrographic Reconnaissance Littoral Mapping Device (HRLMD)
- (13) Combat Rubber Raiding Craft (CRRC) Survivability Kit (SK) System

OPNAVINST 5513.16A series (Declassification of 25-Year Old DON Information):

- (02) Declassification of 25-Year Old DON Information
- (03) Systematic Declassification Review of Information in Permanently Valuable DOD Records

- (04) Systematic Declassification Review of Foreign Government Information
- (05) 25-Year Old DON Intelligence Information
- (06) 25-Year Old Mine Warfare Information
- (07) 25-Year Old Mine Countermeasures and Mine Hunting Information
- (08) 25-Year Old DON Cryptologic Information
- (09) Finding Aid for Unmarked Restricted Data (RD) and Formerly Restricted Data (FRD)